

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

August 31, 2018

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS
		Full Pool	Last Year	Last Month	PRESENT	% CAPACITY	% AVERAGE		
		1987 - 2017 for August	8/31/2017	7/31/2018	8/31/2018	8/31/2018	for August		
Clark Fork Basin									
E.F. ROCK CREEK	16,040	5,634	5,066	11,802	4,978	31	88	9/4/2018	elev. = 6,020.8 ft
NEVADA CREEK	11,207	5,617	5,812	10,770	6,325	56	113	8/31/2018	elev. = 4,601.15 ft
W.F. BITTERROOT	32,362	16,141	16,475	30,785	19,931	62	123	8/27/2018	elev. = 4,702.95 ft
Lower Missouri Basin									
ACKLEY	6,722	3,374	3,063	6,023	4,873	72	144	8/29/2018	elev. = 4,310.3 ft (3,872 AF)
BAIR	7,300	3,138	2,481	6,897	5,657	77	180	9/4/2018	elev. = 5,318.5 ft
DEADMAN'S BASIN	75,968	36,327	45,871	72,902	63,750	84	175	9/5/2018	elev. = 3,914.9 ft (60,000 AF)
FRENCHMAN	2,777	1,873	1,328	1,404	NR	--	--	--	Not Reported
MARTINSDALE	23,348	9,374	11,736	22,177	18,556	79	198	9/5/2018	elev. = 4,774.05 ft
N.F.K. SMITH RIVER	11,406	5,160	4,983	10,618	9,294	81	180	9/5/2018	elev. = 5,481.25 ft
YELLOWATER	3,842	1,634	1,656	3,366	3,138	82	192	8/28/2018	elev. = 3,116.6 ft
Upper Missouri Basin									
MIDDLE CREEK	10,184	6,595	6,465	9,131	6,430	63	98	9/4/2018	elev. = 6,703.2 ft
NILAN	10,992	6,259	7,185	10,711	9,535	87	152	8/30/2018	elev. = 4,439.67 ft (8,635 AF)
RUBY RIVER	37,612	15,485	13,145	30,209	16,591	44	107	9/4/2018	elev. = 5,366.5 ft
WILLOW CREEK	18,000	9,957	10,036	12,824	10,026	56	101	8/28/2018	elev. = 4,724.43 ft
Yellowstone Basin									
COONEY	28,230	17,964	21,595	27,287	21,903	78	122	9/4/2018	elev. = 4,243.3 ft (21,813 AF)
COTTONWOOD	1,900	719	590	1,886	1,240	65	173	8/29/2018	elev. = 5,099.25 ft
TONGUE RIVER	79,071	47,109	54,795	71,084	56,775	72	121	9/4/2018	elev. = 3,421.7 ft

NR - Not Reported

* Note: Reservoir contents include dead storage at the following:

Ackley 1001 AF **
 Cooney 90 AF **
 Deadman's 3750 AF **
 Nilan 900 AF **

** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
 Tongue River 711 AF (O&M storage table includes dead storage)
 W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
 Willow Creek 269 AF (O&M storage table includes dead storage)

* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F. Average storage shown is for post rehabilitation data.

* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F. Average storage shown is for post rehabilitation data.

* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F. Average storage is post rehabilitation data.

* Note: Frenchman Reservoir capacity tables updated based on aerial survey; prior capacity was 3752 A.F. Average shown is from 2008 forward.